

**ABSTRACT OF THE DISCLOSURE**

A data shifter with mobile control device comprises a main casing and a mobile control device. The main casing with an opening thereon and further comprises a primary circuit board, a control interface, a control interface, a plurality 5 of connecting interfaces, and a periphery control circuit. The primary circuit board provides electric circuits at the front part and the rear part respectively on a lateral facial side thereof. The control interface at the front side of said main casing connects with electric circuits at the front part of the primary circuit board. The connecting interfaces are at the rear side of said main casing and connect with 10 electric circuits at the rear part of said primary circuit board. The periphery control circuit is at the other lateral facial side of said primary circuit board and provides at least a main connector projecting outward from the primary circuit board opposite to and corresponding to the opening on the main casing. The mobile device is a box or a frame and has a size corresponding to the opening. The mobile device 15 further comprises a secondary circuit board, at least a control chip, and a rear protect plate. The secondary circuit board extends laterally with at least an auxiliary connectors thereon corresponding to the main connector. The control chip has a control program therein is on the auxiliary circuit board. The rear protect plate closes the opening. The secondary connector can engage with and 20 disengage from the primary connector due to the mobile control device being inserted into or taken out from the opening for signal connection or disconnection.